



<http://www.efmc11.org/q2/cgi.hrb?idexp=XWQ5B&main=homeen>

## EUROMECH

**European Mechanics Society - is an international non-governmental non-profit scientific organization.**

The objective of the Society is to engage in all activities intended to promote in Europe the development of mechanics as a branch of science and engineering. Mechanics deals with motion, flow and deformation of matter, be it fluid or solid, under the action of applied forces, and with any associated phenomena. The society is governed by the Council whose members are being elected according to rules set in Statutes. Activities within the field of mechanics range from fundamental research on the behaviour of fluids and solids to applied research in engineering. The approaches used comprise theoretical, analytical, computational and experimental methods.

The 11th Euromech Fluid Mechanics Conference will be held at at Hotel Barceló Renacimiento from 12 to 16 September, 2016. This conference is the eleventh in the series started in Cambridge in 1991 and continued in Warsaw (1994), Göttingen (1997), Eindhoven (2000), Toulouse (2003), Stockholm (2006), Manchester (2008), Munchen (2010), Rome (2012) and Copenhagen (2014). The conference aims at covering the whole field of Fluid Dynamics, comprising from most fundamental aspects to recent applications. It provides a world-wide forum for scientists to meet each other and exchange information of all areas of fluid mechanics.

## Welcome



Dear Colleague,

The next European Fluid Mechanics conference, EFMC11, will be held at the Barceló Sevilla Renacimiento Hotel between September 12th and September 16th 2016. Some details about the venue, the city, the program of activities, the meeting organization etc, are already accessible through the site [www.efmc11.org](http://www.efmc11.org).

The European Fluid Mechanics Conferences are run under the auspices of the EUROMECH organisation, and cover all aspects of fluid mechanics, from biological flows to aerodynamics, from environmental flows to combustion, etc. The first conference was celebrated in Cambridge in 1991. Since that first meeting it has

been organised every three years initially and more recently every two years owing to the increasing popularity; the previous meetings have been held in Warsaw in 1994, Göttingen in 1997, Eindhoven in 2000, Toulouse in 2003, Stockholm in 2006, Manchester 2008, Bad Reichenhall in 2010, Rome in 2012 and Copenhagen in 2014. This is the first time an EFMC takes place in Spain and we will do our best for not only the scientific program to be of the highest quality, but also the program of social activities.

We very much look forward to meeting you in Sevilla in 2016.

Yours sincerely,  
Jose Manuel Gordillo

# Abstract submission

**Abstract submission: from November 16th 2015 to April 1st 2016**

## Speakers invited

### Isabelle Cantat

Rennes University, France

**Title: Marangoni flows, effect of surfactants.**

### Piotr Garstecki

Polish Academy of Sciences, Poland

**Title: Droplet Microfluidics**

### Francisco Higuera

Universidad Politécnica de Madrid, Spain

**Title: Physics and numerical simulations of electrosprays**

### Sergio Pirozzoli

La Sapienza University, Italy

**Title: Wall bounded compressible turbulence.**

### Peter Schmid

Imperial College, UK

**Title: Gradient-based fluid dynamics: from simulation to control and design**

### Emmanuel Villermaux

Aix Marseille University, France

**Title: Disgregation of Liquids**

### Z Jane Wang

Cornell University, USA

**Title: Insect Flight: From Flight Dynamics to motor Neurons**

## Symposium

### Flowing foams and dense emulsions

**Convenor: Benjamin dollet, Co-convenor: Sylvie Cohen-Adad**

### Fluid Mechanics of Clouds

**Convenor: Jörg Schumacher, Co-convenor: Juan Pedro Mellado**

### Splashes and Slamming on Structures

**Convenor: Alexander Korobkin, Co-convenor, Alessandro Iafrati**

### Laminar-turbulent boundary-layer transition mechanisms at hypersonic flow conditions

**Convenor: Christian Stemmer. Co-convenor: Wolfgang Schröder**

### Suspension dynamics

**Convenor: Federico Toschi. Co-convenor: Luca Brandt**

### Fluid Mechanics of Fuel Cells

**Convenor: Marcos Vera, Co-convenor: Marc Prat**